

# PATENT COOPERATION TREATY

**PCT**

## NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner  
US Department of Commerce  
United States Patent and Trademark  
Office, PCT  
2011 South Clark Place Room  
CP2/5C24  
Arlington, VA 22202  
ETATS-UNIS D'AMERIQUE  
in its capacity as elected Office

<b>Date of mailing</b> (day/month/year) 22 May 2001 (22.05.01)	
<b>International application No.</b> PCT/CN00/00196	<b>Applicant's or agent's file reference</b> PCTIC9910CN
<b>International filing date</b> (day/month/year) 13 July 2000 (13.07.00)	<b>Priority date</b> (day/month/year) 16 July 1999 (16.07.99)
<b>Applicant</b> XING, Li	

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:  
13 February 2001 (13.02.01)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was  
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

<b>The International Bureau of WIPO</b> 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	<b>Authorized officer</b> Juan Cruz Telephone No.: (41-22) 338.83.38
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## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

CHINA SINDA INTELLECTUAL PROPERTY  
LIMITED  
Suite 1300  
China Garment Mansion, no.99  
Jianguo Road Chaoyang  
District  
Beijing 100020  
CHINE

Date of mailing (day/month/year) 29 June 2001 (29.06.01)	<b>IMPORTANT NOTIFICATION</b>
Applicant's or agent's file reference PCTIC9910CN	
International application No. PCT/CN00/00196	International filing date (day/month/year) 13 July 2000 (13.07.00)

## 1. The following indications appeared on record concerning:

☒ the applicant
     
 ☒ the inventor
     
 ☐ the agent
     
 ☐ the common representative

Name and Address XING, Li Beijing Likun Chemical Plant Zu Village, Liulihe Town Fangshan District Beijing 102403 China	State of Nationality CN	State of Residence CN
	Telephone No. 010-63737979	
	Facsimile No.	
	Teleprinter No.	

## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☒ the person
     
 ☐ the name
     
 ☐ the address
     
 ☐ the nationality
     
 ☐ the residence

Name and Address ENERCON TECHNOLOGIES, INC. 2533 North Carson Street Carson City, NV 89706 United States of America	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	Teleprinter No.	

## 3. Further observations, if necessary:

**The person in Box 2 has been recorded as applicant for all designated States except US.**  
**The person indicated in Box 1 remains inventor and applicant for US only. Indication of nationality and residence of the new applicant is required.**

## 4. A copy of this notification has been sent to:

<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No.: (41-22) 740.14.35	Authorized officer  Anman QIU  Telephone No.: (41-22) 338.83.38
---	---

## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

CHINA SINDA INTELLECTUAL PROPERTY  
LIMITED  
Suite 1300  
China Garment Mansion, no.99  
Jianguo Road Chaoyang  
District  
Beijing 100020  
CHINE

Date of mailing (day/month/year) 20 August 2001 (20.08.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference PCTIC9910CN	
International application No. PCT/CN00/00196	International filing date (day/month/year) 13 July 2000 (13.07.00)

1. The following indications appeared on record concerning:		
<input checked="" type="checkbox"/> the applicant	<input checked="" type="checkbox"/> the inventor	<input type="checkbox"/> the agent <input type="checkbox"/> the common representative
Name and Address XING, Li Beijing Likun Chemical Plant Zu Village, Liulihe Town Fangshan District Beijing 102403 China	State of Nationality CN	State of Residence CN
	Telephone No. 010-63737979	
	Facsimile No.	
	Teleprinter No.	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
<input checked="" type="checkbox"/> the person	<input type="checkbox"/> the name	<input type="checkbox"/> the address <input type="checkbox"/> the nationality <input type="checkbox"/> the residence
Name and Address ENERCON TECHNOLOGIES, INC. 2533 North Carson Street Carson City NV 89706 United States of America	State of Nationality CN	State of Residence CN
	Telephone No. 010-63737979	
	Facsimile No.	
	Teleprinter No.	
3. Further observations, if necessary: <b>The person in Box 2 has been recorded as applicant for all designated states except US, CN, KR.</b> <b>The person in Box 1 remains inventor /applicant for all designated states.</b>		
4. A copy of this notification has been sent to:		
<input checked="" type="checkbox"/> the receiving Office	<input type="checkbox"/> the designated Offices concerned	
<input type="checkbox"/> the International Searching Authority	<input checked="" type="checkbox"/> the elected Offices concerned	
<input checked="" type="checkbox"/> the International Preliminary Examining Authority	<input type="checkbox"/> other:	
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35		Authorized officer Ning Xu Telephone No.: (41-22) 338.83.38

# P, ENT COOPERATION TREATY

**PCT**

From the INTERNATIONAL BUREAU

## NOTIFICATION RELATING TO PRIORITY CLAIM

(PCT Rules 26bis.1 and 26bis.2 and Administrative Instructions, Sections 402 and 409)

To:

CHINA SINDA INTELLECTUAL PROPERTY  
LIMITED  
Suite 1300  
China Garment Mansion, no.99  
Jianguo Road Chaoyang  
District  
Beijing 100020  
CHINE

Date of mailing (day/month/year)

03 November 2000 (03.11.00)

Applicant's or agent's file reference

PCTIC9910CN

### IMPORTANT NOTIFICATION

International application No.

PCT/CN00/00196

International filing date (day/month/year)

13 July 2000 (13.07.00)

Applicant

XING, Li

The applicant is hereby **notified** of the following in respect of the priority claim(s) made in the international application.

1. ☐ **Correction of priority claim.** In accordance with the applicant's notice received on: , the following priority claim has been corrected to read as follows:

- ☐ even though the indication of the number of the earlier application is missing.  
☐ even though the following indication in the priority claim is not the same as the corresponding indication appearing in the priority document:

2. ☒ **Addition of priority claim.** In accordance with the applicant's notice received on: 24 August 2000 (24.08.00), the following priority claim has been added:

CN 16 July 1999 (16.07.99) 99 2 16787.6

- ☐ even though the indication of the number of the earlier application is missing.  
☐ even though the following indication in the priority claim is not the same as the corresponding indication appearing in the priority document:

3. ☒ As a **result of the correction and/or addition** of (a) priority claim(s) under items 1 and/or 2, the (earliest) priority date is:  
16 July 1999 (16.07.99)

4. ☐ **Priority claim considered not to have been made.**

- ☐ The applicant failed to respond to the Invitation under Rule 26bis.2(a) (Form PCT/IB/316) within the prescribed time limit.  
☐ The applicant's notice was received after the expiration of the prescribed time limit under Rule 26bis.1(a).  
☐ The applicant's notice failed to correct the priority claim so as to comply with the requirements of Rule 4.10.

The applicant may, before the technical preparations for international publication have been completed and subject to the payment of a fee, request the International Bureau to publish, together with the international application, information concerning the priority claim. See Rule 26bis.2(c) and the PCT Applicant's Guide, Volume I, Annex B2(IB).

5. ☐ In case where **multiple priorities** have been claimed, the above item(s) relate to the following priority claim(s):

6. A copy of this notification has been sent to the receiving Office and

- ☒ to the International Searching Authority (where the international search report has not yet been issued).  
☒ the designated Offices (which have already been notified of the receipt of the record copy).

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Authorized officer

Anman QIU

Facsimile No. (41-22) 740.14.35

Telephone No. (41-22) 338.83.38

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>PCTIC9910CN</b>	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. <b>PCT/CN00/00196</b>	International filing date (day/month/year) <b>13 July 2000 (13.07.00)</b>	(Earliest) Priority Date (day/month/year) <b>16 Jul 99 (16.07.99)</b>
Applicant <b>XING LI</b>		

This international search report has been prepared by this International Search Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets

☐ It is also accompanied by a copy of each art document cited in this report.

1. ☐ Certain claims were found unsearchable (See Box I)
2. ☐ Unity of invention is lacking (See Box II)
3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing
  - ☐ filed with the international application.
  - ☐ furnished by the applicant separately from the international application.
  - ☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.
  - ☐ transcribed by this Authority.
4. With regard to the title,
  - ☒ the text is approved as submitted by the applicant.
  - ☐ the text has been established by this Authority to read as follows
5. With regard to the abstract,
  - ☒ the text is approved as submitted by the applicant
  - ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. The figure of the drawings to be published with the abstract is:
  - Figure No. 1 ☐ as suggested by the applicant
  - ☒ because the applicant failed to suggest a figure.
  - ☐ because this figure better characterizes the invention

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN00/00196

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup> C10G1/10

According to International Patent Classification(IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched(classification system followed by classification symbols)

IPC<sup>7</sup> C10G1, C08J11

Documentation searched other than minimum documentation to the extent that such documents are included in the field searched

Electronic data base consulted during the international search(name of data base and, where practicable, search terms used)

WPI, CNPAT

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant claim No.
A	CN1232861A(Xing Li) 27. Oct. 1999 claims; Figures	1-9
A	CN1075328A(Zhao Taiping)18. Aug. 1993 claims	1
A	EP607862 A1(Mazda Motor Corporation)27. Jul. 1994 claims; figure1	1



Further documents are listed in the continuation of Box C.



See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"I" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason(as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

16 September 1999 (16. 09. 99)

Date of mailing of the international search report

16 NOV 2000 (16. 11. 00)

Name and mailing address of the ISA:

China State Intellectual Property Office  
6. Xitucheng Road, Jimen Bridge, Haidian District,  
Beijing, 100088, P. R. China

Facsimile No. 86-010-62019451

Authorized officer

Lei Chunhai

*Lei Chunhai*

Telephone No. 86-010-62093933

International application No.  
PCT/CN00/00196

Form PCT/ISA:210(patent family annex)(July 1992)

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN00/00196

## A. CLASSIFICATION OF SUBJECT MATTER

IPC<sup>7</sup> C10G1/10

According to International Patent Classification(IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched(classification system followed by classification symbols)

IPC<sup>7</sup> C10G1, C08J11

Documentation searched other than minimum documentation to the extent that such documents are included in the field searched

Electronic data base consulted during the international search(name of data base and, where practicable, search terms used)

WPI, CNPAT

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant claim No.
A	CN1232861A(Xing Li) 27. Oct. 1999 claims; Figures	1-9
A	CN1075328A(Zhao Taiping)18. Aug. 1993 claims	1
A	EP607862 A1(Mazda Motor Corporation)27. Jul. 1994 claims; figure1	1

☐ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason(as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

16 September 1999 (16. 09. 99)

Date of mailing of the international search report

16 NOV 2000 (16. 11. 00)

Name and mailing address of the ISA/

 China State Intellectual Property Office  
 6, Xitucheng Road, Jimen Bridge, Haidian District,  
 Beijing, 100088, P. R. China

Facsimile No. 86-010-62019451

Authorized officer

Lei Chunhai

*Lei Chunhai*

Telephone No. 86-010-62093933



International application No.  
PCT/CN00/00196

Patent document cited in search report	Publication date	Patent family members	Publication date
EP607862	27.Jul.1994(27.07.94)	JP6220461	9.Aug.1994(09.08.94)

## PATENT COOPERATION TREATY

PCT

NOTIFICATION OF THE RECORDING  
OF A CHANGE(PCT Rule 92bis.1 and  
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

CHINA SINDA INTELLECTUAL PROPERTY  
LIMITED  
Suite 1300  
China Garment Mansion, no.99  
Jianguo Road Chaoyang  
District  
Beijing 100020  
CHINE

Date of mailing (day/month/year)

20 August 2001 (20.08.01)

Applicant's or agent's file reference

PCTIC9910CN

## IMPORTANT NOTIFICATION

International application No.

PCT/CN00/00196

International filing date (day/month/year)

13 July 2000 (13.07.00)

## 1. The following indications appeared on record concerning:



the applicant



the inventor



the agent



the common representative

Name and Address

XING, Li  
Beijing Likun Chemical Plant  
Zu Village, Liulihe Town  
Fangshan District  
Beijing 102403  
China

State of Nationality

CN

State of Residence

CN

Telephone No.

010-63737979

Facsimile No.

Teleprinter No.

## 2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:



the person



the name



the address



the nationality



the residence

Name and Address

ENERCON TECHNOLOGIES, INC.  
2533 North Carson Street  
Carson City  
NV 89706  
United States of America

State of Nationality

CN

State of Residence

CN

Telephone No.

010-63737979

Facsimile No.

Teleprinter No.

## 3. Further observations, if necessary:

The person in Box 2 has been recorded as applicant for all designated states except US,  
CN, KR.

The person in Box 1 remains inventor/applicant for all designated states.

## 4. A copy of this notification has been sent to:



the receiving Office



the designated Offices concerned



the International Searching Authority



the elected Offices concerned



the International Preliminary Examining Authority



other:

The International Bureau of WIPO  
34, chemin des Colombettes  
1211 Geneva 20, Switzerland

Facsimile No.: (41-22) 740.14.35

Authorized officer

Ning Xu

Telephone No.: (41-22) 338.83.33

## PCT

REC'D 11 JUL 2002

WIPO PCT

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference PCT/CN9910CN	<b>FOR FURTHER ACTION</b> See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA 416)	
International application No PCT/CN00/00196	International filing date (day/month/year) 13 July 2000(13.07.00)	Priority date (day/month/year) 16 July 1999(16.07.99)
International Patent Classification (IPC) or national classification and IPC Int.Cl <sup>7</sup> : C10G1/10		
Applicant XING LI		
<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p>		
<p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability, including citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application.</p>		

RECEIVED  
SEP 13 2002  
TC 1700

Date of submission of the demand 13 Feb. 2001(13.02.01)	Date of completion of this report 25 Mar. 2002(25.03.02)
Name and mailing address of the IPEA CN China State Intellectual Property Office 6, Xitucheng Road, Jimen Bridge, Haidian District, Beijing, 100088, P. R. China Facsimile No. 86-10-62019451	Authorized officer Lei Chunhai Telephone No. 8610-62093933

## 1. Basis of the report

1 With regard to the **elements** of the international application:☒ the international application as originally filed☐ the description

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the claims

Nos \_\_\_\_\_, as originally file

Nos \_\_\_\_\_, as amended (together with any statement) under Article 19

Nos \_\_\_\_\_, filed with the demand

Nos \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the drawings:

sheets fig \_\_\_\_\_, as originally filed

sheets fig \_\_\_\_\_, filed with the demand

sheets fig \_\_\_\_\_, filed with the letter of \_\_\_\_\_

☐ the sequence listing part of the description:

pages \_\_\_\_\_, as originally filed

pages \_\_\_\_\_, filed with the demand

pages \_\_\_\_\_, filed with the letter of \_\_\_\_\_

2 with regard to the **language** all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language \_\_\_\_\_ which is

☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).☐ the language of publication of the international application (under Rule 48.3(b)).☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).3 With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:☐ contained in the international application in written form.☐ filed together with the international application in computer readable form.☐ furnished subsequently to this Authority in written form.☐ furnished subsequently to this Authority in computer readable form.☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.4 ☐ The amendments have resulted in the cancellation of:☐ the description, pages \_\_\_\_\_☐ the claims Nos. \_\_\_\_\_☐ the drawings, sheets fig \_\_\_\_\_5 ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)). \*\*

\* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

\*\* Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No  
PCT/CN00/00196V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability:  
citations and explanations supporting such statement

Statement			
Novelty (N)	Claims	1-9	YES
	Claims		NO
Inventive step (IS)	Claims	1-9	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-9	YES
	Claims		NO

## 2 Citations and explanations (Rule 70.7)

1. The present application relates to a process for producing gasoline and diesel from waste plastics and/or heavy oil.
2. The present application satisfies the criterion set forth in PCT Article 33(2) because the subject-matter of claims 1-9 is new in respect of prior art.
3. The present application satisfies the criterion set forth in PCT Article 33(3) because the subject-matter of claims 1-9 involves an inventive step.
4. The process of claims 1-9 can be used, therefore the present application satisfies the criterion set forth in PCT Article 33(4).